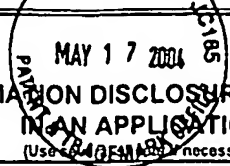
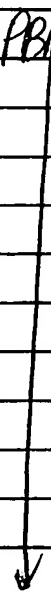





|   |                 | Form PTO-1449  |                     | Docket No.: 4108        |          | Application No.: 10/661,400   |    |
|---|-----------------|--|---------------------|-------------------------|----------|-------------------------------|----|
| <b>INFORMATION DISCLOSURE CITATION<br/>IN AN APPLICATION</b><br><small>(Use only if necessary)</small>  |                 |  |                     | Applicant: Marmo et al. |          |                               |    |
|   |                 |  |                     | Filing Date: 09/12/03   |          | Group Art Unit: 3738          |    |
| <b>U. S. PATENT DOCUMENTS</b>   |                 |  |                     |                         |          |                               |    |
| EXAMINER<br>INITIAL   | DOCUMENT NUMBER | DATE   | NAME                | CLASS                   | SUBCLASS | FILING DATE<br>IF APPROPRIATE |    |
| PBP<br>↓  | 5044743         | 09/03/91   | Ting                |                         |          |                               |    |
|   | 5171318         | 12/15/92   | Gibson et al.       |                         |          |                               |    |
|   | 5192316         | 03/09/93   | Ting                |                         |          |                               |    |
|   | 5433745         | 07/18/95   | Graham et al.       |                         |          |                               |    |
|   | 5470831         | 11/28/95   | Whitman et al.      |                         |          |                               |    |
|   | 5713957         | 02/03/98   | Steele et al.       |                         |          |                               |    |
|   | 5827641         | 10/27/98   | Parenteau et al.    |                         |          |                               |    |
|   | 5836313         | 11/17/98   | Perez et al.        |                         |          |                               |    |
|   | 5994133         | 11/30/99   | Meijs et al.        |                         |          |                               |    |
|   | 6284537         | 09/04/01   | Offord Cavin et al. |                         |          |                               |    |
|   | 6361560         | 03/26/02   | Nigam               |                         |          |                               |    |
|   | 6585375         | 07/01/03   | Donitzky            |                         |          |                               |    |
|   |                 | US2001/0018612   | 08/30/01            | Carson et al.           |          |                               |    |
| <b>FOREIGN PATENT DOCUMENTS</b>   |                 |  |                     |                         |          |                               |    |
|   | DOCUMENT NUMBER | DATE   | COUNTRY             | CLASS                   | SUBCLASS | TRANSLATION                   |    |
|   |                 |  |                     |                         |          | YES                           | NO |
| PBP<br>↓  | WO 93/07889     | 04/29/93   | WIPO                |                         |          |                               |    |
|   | WO 94/16570     | 08/04/94   | WIPO                |                         |          |                               |    |
|   | WO 99/37752     | 07/29/99   | WIPO                |                         |          |                               |    |
|   | WO 00/07525     | 02/17/00   | WIPO                |                         |          |                               |    |
| <b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>   |                 |  |                     |                         |          |                               |    |
| PBP<br>↓  | AA              | Tsai et al., "Reconstruction of damaged corneas by transplantation of autologous limbal epithelial cells", The New England Journal of Medicine, Volume 343 #2, pg 86-93, 07/13/00. |                     |                         |          |                               |    |
|   | AB              | Han et al., "A fibrin-based bioengineered ocular surface with human corneal epithelial stem cells", Cornea, Vol. 21 No. 5 2002, pg 505-510.  |                     |                         |          |                               |    |
|   | AC              | Miyajima, Hiroko., "At issue: the next generation of microkeratomes", Ocular Surgery news Europe/Asia-Pacific edition, Feb. 2002 5pgs.   |                     |                         |          |                               |    |
|   | AD              | Ophthalmology Times, "New LASIK device: CIBA vision to market subepithelial separator", August 1, 2002.  |                     |                         |          |                               |    |
|   | AE              | Online article, Ciba Vision website, "research and development" "Sub-epithelial Separator", no date given.   |                     |                         |          |                               |    |
|   | AF              | Burrill, Alicia., "Gel-Assisted Lasek", Cataract & Refractive Surgery Today, no date given.  |                     |                         |          |                               |    |
| EXAMINER  |                 |  | DATE CONSIDERED     |                         |          |                               |    |
| Paul Prebilitic   |                 |  | 01-26-06            |                         |          |                               |    |
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|  |                 | Filing Date: 09/12/03   |                   | Group Art Unit: 3738        |          |                               |    |
| <b>U. S. PATENT DOCUMENTS</b>  |                 |   |                   |                             |          |                               |    |
| EXAMINER<br>INITIAL  | DOCUMENT NUMBER | DATE  | NAME              | CLASS                       | SUBCLASS | FILING DATE<br>IF APPROPRIATE |    |
| <i>PBP</i><br>  | US2001/0047203  | 11/29/01  | Dalton et al.     |                             |          |                               |    |
|  | US2002/0007217  | 01/17/02  | Jacob et al.      |                             |          |                               |    |
|  | US2002/0039788  | 04/04/02  | Isseroff et al.   |                             |          |                               |    |
|  | US2002/0052596  | 05/02/02  | Pallikaris et al. |                             |          |                               |    |
|  | US2002/0055753  | 05/09/02  | Silvestrini       |                             |          |                               |    |
|  | US2002/0065555  | 05/30/02  | Nigam             |                             |          |                               |    |
|  | US2003/0018347  | 01/23/03  | Pallikaris et al. |                             |          |                               |    |
|  | US2003/0018348  | 01/23/03  | Pallikaris et al. |                             |          |                               |    |
|  | 5,774,545       | 04/28/98  | Rhee et al.       |                             |          |                               |    |
|  | 6,454,802       | 09/24/02  | Bretton et al.    |                             |          |                               |    |
|  | 6,544,286       | 04/08/03  | Perez             |                             |          |                               |    |
|  |                 | US2003/0220653  | 11/27/03          | Perez                       |          |                               |    |
| <b>FOREIGN PATENT DOCUMENTS</b>  |                 |   |                   |                             |          |                               |    |
|  | DOCUMENT NUMBER | DATE  | COUNTRY           | CLASS                       | SUBCLASS | TRANSLATION                   |    |
|  |                 |   |                   |                             |          | YES                           | NO |
| <i>PBP</i><br>  | WO 02/06883     | 01/24/02  | WIPO              |                             |          |                               |    |
|  | 2305608         | 04/16/97  | UK                |                             |          |                               |    |
|  | WO 98/31316     | 07/23/98  | WIPO              |                             |          |                               |    |
| <b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>  |                 |   |                   |                             |          |                               |    |
| <i>PBP</i><br>  | AA              | Nader, Nicole. "Learning a new language: understanding the terminology of wavefront-guided ablation", Ocular Surgery News, Feb. 1 <sup>st</sup> 2003, found on OSN Supersite, 5 pgs.  |                   |                             |          |                               |    |
|  | AB              | "Licensing agreement for automated microkeratome-based device" found online at: <a href="http://www.optical-world.co.uk/Aug%202002%20international_outlook.htm">http://www.optical-world.co.uk/Aug%202002%20international_outlook.htm</a> , no author given, printed on September 13, 2002. |                   |                             |          |                               |    |
|  | AC              | Shimmura et al. "Collagen-Poly (N-Isopropylacrylamide)-Based Membranes for Corneal Stroma Scaffolds", Cornea Vol. 22(Suppl. 1):S81-8.   |                   |                             |          |                               |    |
|  | AD              | Shimmural et al. "Biocompatibility of Collagen-Based Blended Biomaterials" Invest Ophthalmol Vis Sci 2002;43: E-Abstract 2997 (c) 2002 ARVO.  |                   |                             |          |                               |    |
|  | AE              | Jeong et al., "Thermosensitive sol-gel reversible hydrogels" Adv. Drug Deliv. Rev., 54:37-51 (2002)   |                   |                             |          |                               |    |
|  | AF              | Vernon et al., "Thermally Reversible Polymer Gels for Biohybrid Artificial Pancreas" Macromol. Symp., 109:155-167 (1996)  |                   |                             |          |                               |    |
|  | AG              | Stile et al., "Synthesis and Characterization of Injectable Poly(N-isopropylacrylamide)-Based Hydrogels That Support Tissue Formation in Vitro" Macromolecules, 32:7370-9 (1999)  |                   |                             |          |                               |    |
| EXAMINER   |                 |   | DATE CONSIDERED   |                             |          |                               |    |
| <i>Paul Prebilic</i>   |                 |   | <i>01-26-06</i>   |                             |          |                               |    |
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| <b>U. S. PATENT DOCUMENTS</b>   |                 |  |                 |                             |          |                               |    |
| EXAMINER<br>INITIAL   | DOCUMENT NUMBER | DATE   | NAME            | CLASS                       | SUBCLASS | FILING DATE<br>IF APPROPRIATE |    |
|   | 4,780,409       | 10/25/88   | Monji et al.    |                             |          |                               |    |
|   | 5,330,911       | 7/19/94  | Hubbell et al.  |                             |          |                               |    |
|   | 6,030,634       | 2/29/00  | Wu et al.       |                             |          |                               |    |
|   | 6,103,528       | 8/15/00  | An et al.       |                             |          |                               |    |
|   | 6,271,278       | 8/7/01   | Park et al.     |                             |          |                               |    |
|   | 6,323,278       | 11/27/01   | Rhee et al.     |                             |          |                               |    |
|   | 6,384,105       | 05/7/02  | He et al.       |                             |          |                               |    |
|   | 6,388,047       | 5/14/02  | Won et al.      |                             |          |                               |    |
|   | 6,566,406       | 5/20/03  | Pathak et al.   |                             |          |                               |    |
| <b>FOREIGN PATENT DOCUMENTS</b>   |                 |  |                 |                             |          |                               |    |
|   | DOCUMENT NUMBER | DATE   | COUNTRY         | CLASS                       | SUBCLASS | TRANSLATION                   |    |
|   |                 |  |                 |                             |          | YES                           | NO |
|   | WO 04/014969    | 02/19/04   | WIPO            |                             |          |                               |    |
|   | WO 04/015090    | 02/19/04   | WIPO            |                             |          |                               |    |
| <b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>   |                 |  |                 |                             |          |                               |    |
|   | AA              | Stile et al., "Poly(N-isopropylacrylamide)-Based Semi-interpenetrating Polymer Networks for Tissue Engineering Applications. 1. Effects of Linear Poly(acrylic acid) Chains on Phase Behaviour" Biomacromolecules 3:591-600 (2002) |                 |                             |          |                               |    |
|   | AB              | Stile et al., "Thermo-Responsive Peptide-Modified Hydrogels for Tissue Regeneration" Biomacromolecules 2:185-194 (2001)  |                 |                             |          |                               |    |
|   | AC              | Hicks et al., "Keratoprostheses: Advancing Toward a True Artificial Cornea" Surv. Ophthalmol. 42:175-189 (1997)  |                 |                             |          |                               |    |
|   | AD              | Trinkaus-Randall and Nugent, "Biological Response to a Synthetic Cornea" Controlled Release 53:205-214.  |                 |                             |          |                               |    |
|   | AE              | Gutowska et al., "Thermosensitive Interpenetrating Polymer Networks: Synthesis, Characterization, and Macromolecular Release" Macromolecules, 27:4167-4175 (1994).   |                 |                             |          |                               |    |
|   | AF              | Yoshida et al., "Comb-type Grafted Hydrogels with Rapid De-Swelling Response to Temperature Changes" Nature, 374:240-242 (1995).   |                 |                             |          |                               |    |
|   | AG              | Lynn & Langer, "Degradable Poly(beta-amino esters): Synthesis, Characterization, and Self-Assembly with Plasmid DNA" J. Amer. Chem. Soc., 122:10761-10768 (2000)   |                 |                             |          |                               |    |
| EXAMINER  |                 |  | DATE CONSIDERED |                             |          |                               |    |
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| EXAMINER<br>INITIAL   | DOCUMENT NUMBER | DATE                    | NAME    | CLASS                       | SUBCLASS | FILING DATE<br>IF APPROPRIATE |    |
| <i>FBP</i><br>  | 5,722,971       | 03/03/98                | Peyman  |                             |          |                               |    |
|   | 5,919,185       | 07/06/99                | Peyman  |                             |          |                               |    |
|   | 5,964,748       | 10/12/99                | Peyman  |                             |          |                               |    |
|   | 6,063,073       | 05/16/00                | Peyman  |                             |          |                               |    |
|   | 6,197,019       | 03/06/01                | Peyman  |                             |          |                               |    |
|   | 6,203,538       | 03/20/01                | Peyman  |                             |          |                               |    |
|   | 6,217,571       | 04/17/01                | Peyman  |                             |          |                               |    |
|   | 6,221,067       | 04/24/01                | Peyman  |                             |          |                               |    |
|   | 6,280,470       | 08/28/01                | Peyman  |                             |          |                               |    |
|   | 6,551,307       | 04/22/03                | Peyman  |                             |          |                               |    |
|   | 6,702,807       | 03/09/04                | Peyman  |                             |          |                               |    |
|   | 2003/0093083    | 05/15/03                | Peyman  |                             |          |                               |    |
|   | 2001/0027314    | 10/04/01                | Peyman  |                             |          |                               |    |
|   | 2001/0034516    | 10/25/01                | Peyman  |                             |          |                               |    |
|   | 2002/0138069    | 09/26/02                | Peyman  |                             |          |                               |    |
| 2004/0015234  | 01/22/04        | Peyman                  |         |                             |          |                               |    |
| <b>FOREIGN PATENT DOCUMENTS</b>   |                 |                         |         |                             |          |                               |    |
|   | DOCUMENT NUMBER | DATE                    | COUNTRY | CLASS                       | SUBCLASS | TRANSLATION                   |    |
|   |                 |                         |         |                             |          | YES                           | NO |
|   |                 |                         |         |                             |          |                               |    |
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|   |                 |                         |         |                             |          |                               |    |
|   |                 |                         |         |                             |          |                               |    |
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